

Test Results

Order #: **2023031606**

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong Ctr for Comparative Med
Research

Charles River Research Animal Diagnostic Services
(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2023031606

University of Hong Kong
10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date

23-May-2023

Arrival Date

08-Jun-2023

Approval Date

23-Jun-2023

Notes

Lab No.2306F8-2306F10, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Pseudoloma neurophilia PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	3	1	0	0	0
Zebrafish picornavirus UHK Zebrafish Surveillance Plus PCR Panel	n/d	3	1	0	0	0

+ = Positive, +/- = Equivocal, ? = Indeterminate, PDG = Pending

To assure the health status of your research animal colonies, it is essential that you understand the sources, pathobiology, diagnosis and control of pathogens and other adventitious infectious agents that may cause research interference. We have summarized this important information in infectious agent **Technical Sheets**, which you can view by visiting

http://www.criver.com/info/disease_sheets.

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Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 23 Jun 2023

UHK Zebrafish Surveillance Plus PCR Panel

	<u>1</u> 2306F8, Rm.L6-13 (Artemia)	<u>2</u> 2306F9, Rm.L6-13 (Sump fish)	<u>3</u> 2306F10, Rm.L6-13 (Colony fish)
<i>Aeromonas hydrophila</i> PCR	-	-	-
<i>Edwardsiella ictaluri</i> PCR	-	-	-
<i>Flavobacterium columnare</i> PCR	-	-	-
<i>Ichthyophthirius multifiliis</i> PCR	-	-	-
<i>Infectious pancreatic necrosis virus (IPNV)</i> PCR	-	-	-
<i>Infectious spleen and kidney necrosis virus -ISKNV</i>	-	-	-
<i>Mycobacterium abscessus</i> PCR	-	-	-
<i>Mycobacterium chelonae</i> PCR	-	-	-
<i>Mycobacterium fortuitum</i> PCR	-	-	-
<i>Mycobacterium gordonae</i>	-	-	-
<i>Mycobacterium haemophilum</i> PCR	-	-	-
<i>Mycobacterium marinum</i> PCR	-	-	-
<i>Mycobacterium peregrinum</i> PCR	-	-	-
<i>Mycobacterium saopaulense</i>	-	-	-
<i>Myxidium streisingeri</i>	-	-	-
<i>Piscinoodinium pillulare</i> PCR	-	-	-
<i>Pleistophora hyphessobryconis</i> PCR	-	-	-
<i>Pseudocapillaria tomentosa</i> PCR	-	-	-
<i>Pseudoloma neurophilia</i> PCR	-	-	+
<i>Saprolegnia brachydanis</i> PCR	-	-	-
<i>Zebrafish picornavirus</i>	-	+	-

Remarks

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- = Negative, +/- = Equivocal; + = Positive; I = Inconclusive.

An equivocal result indicates inconsistent amplification detected by real-time PCR.

Inconclusive indicates failure of control result.

Nucleic Acid Recovery Control (NRC)/Inhibition Control: A low copy exogenous nucleic acid was added to sample lysis prior to nucleic acid isolation to serve as both a control to monitor for nucleic acid recovery and PCR inhibition. An RNA NRC also monitors reverse transcription for RNA virus assays. Nucleic acid recovery and PCR inhibition is monitored by a PCR assay specific for the NRC template. Unless otherwise stated, the control results passed for this order.

Any samples reported as equivocal or positive result in this report has been confirmed by re-extracting nucleic acid and repeating real-time PCR amplification to confirm the initial testing result. If any results are unexpected positives, it is suggested to submit a new representative sample for gratis retesting of the specific agent(s) in question. Please reference this order on the new submission so we can adjust the billing to gratis.

Recommended sample types are essential to accurate results. Missing or inappropriate sample types and/or expired buffer/additives can affect detection. If this report contains an unexpected result or are unsure of recommended sample types, please contact Lab Services@crl.com before taking any action. Additional or alternative testing may be essential to reaching an accurate diagnosis. We will be glad to test newly submitted samples for the positive agents up to the number of unexpected results in this order.

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Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306F8, Rm.L6-13 (Artemia)	Zebrafish	n/d	Artemia		
2	2306F9, Rm.L6-13 (Sump fish)	Zebrafish	n/d	Unknown strains, (Pre-filtratio n)		
3	2306F10, Rm.L6-13 (Colony fish)	Zebrafish	n/d	TU, (Post-filtrati on)		